

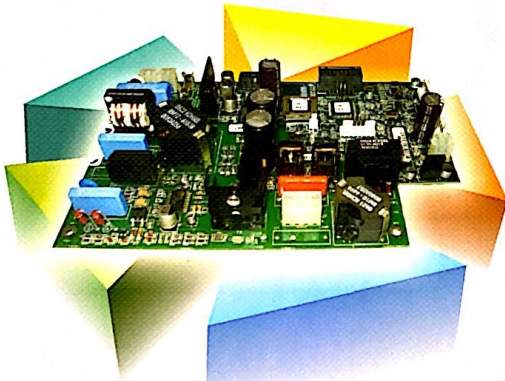
# Certificate of Completion

Awarded to **VARUN VASUDEVAN C**

in **Professional in Electronic Design Automation**

at **CADD Centre Training Services, Tambaram, Chennai**

during **February 2012**



Professional



Diploma



Foundation

Chairman

**V Vijayaraghavan**

Centre Head

**11 - 04 - 2012**

Date of Issue



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# ELECTRONIC CADD



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## Professional in Electronic Design Automation

### How to interpret this certificate:

#### Expected Skills

Introduction to OrCAD  
System requirements  
Database components  
component placement  
Connectivity provisions  
Editing components property  
Part Editor  
New Library creation  
New Part creation  
Multisheet Projects  
Simple and complex Hierarchy  
Design Processing  
Inter Tool Communication  
Component Information system with  
ICA

PCB Editor configuration  
Pad creation  
Package creation  
Board file Creation  
Multi Layer creation  
Importing Capture logic  
Constraint Manager configuration  
Manual and Auto Component  
Placement  
Manual and Auto Routing  
Script  
Back Annotation  
Updating DRC  
Artwork (Manufacturing) file  
generation

Pspice Netlist creation  
DRC Errors identification and rectification  
Design Parameter verification  
Time domain Analysis  
Single, Split and Multi window Display systems  
Frequency domain Analysis  
DC Sweep Analysis  
Temperature Sweep Analysis  
Parametric Sweep Analysis  
Monte Carlo/Worst case Analysis  
Mixed signal simulation  
Digital and Analog Stimulus  
Macros

**Project** : Independent Project Work with expert assistance  
**Software Used** : OrCAD Capture, OrCAD PCB Editor and PSpice

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ANSYS

Bentley  
Sustaining Infrastructure

SolidWorks

PRIMAVERA  
Manufacturing & Engineering Software

PTC

PCSCHEMATIC

SIEMENS

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